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PTO/SB/05 (08-00) (modified)

Approved for use through 9/30/2001, OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

NEW UTILITY PATENT APPLICATION TRANSMITTAL <small>(only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket Number 23546-08149																																																																																																			
		First Named Inventor Susan Gregory																																																																																																			
		Title MOUSE MODEL FOR BONE METABOLISM																																																																																																			
		Express Mail Label No. EV342133774US																																																																																																			
APPLICATION ELEMENTS																																																																																																					
<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">1. <input checked="" type="checkbox"/> Fee Transmittal Form (deposit authorization)</td> <td colspan="2"></td> </tr> <tr> <td>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</td> <td colspan="2"></td> </tr> <tr> <td>3. <input checked="" type="checkbox"/> Specification</td> <td style="text-align: right; vertical-align: bottom;"><i>Total Pages</i></td> <td style="border: 1px solid black; padding: 2px; text-align: center;">112</td> </tr> <tr> <td colspan="3"><i>(preferred arrangement set forth below)</i></td> </tr> <tr> <td colspan="3" style="padding-left: 20px;"> <input checked="" type="checkbox"/> Descriptive Title of the Invention <input checked="" type="checkbox"/> Cross Reference(s) to Related Case(s) <input checked="" type="checkbox"/> Statement Regarding Fed sponsored R & D <input checked="" type="checkbox"/> Background of the Invention <input checked="" type="checkbox"/> Brief Summary of the Invention <input checked="" type="checkbox"/> Brief Description of the Drawing(s) <input checked="" type="checkbox"/> Detailed Description <input checked="" type="checkbox"/> Claim or Claims <input checked="" type="checkbox"/> Abstract of the Disclosure </td> </tr> <tr> <td>4. <input type="checkbox"/> Drawing(s) (35 U.S.C. 113)</td> <td style="text-align: right; vertical-align: bottom;"><i>Total Sheets</i></td> <td style="border: 1px solid black; padding: 2px; text-align: center;"></td> </tr> <tr> <td>5. 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If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: _____ / _____ </td> </tr> <tr> <td colspan="3" style="text-align: center; padding: 5px;"> Prior application information: Examiner: _____ Group/Art Unit: _____ </td> </tr> <tr> <td colspan="3" style="text-align: center; padding: 5px;"> For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuing or divisional application and is hereby incorporated by reference. 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Hubl</i> </td> <td style="text-align: center; padding: 5px;"> Date 9/17/03 </td> </tr> </table>			1. <input checked="" type="checkbox"/> Fee Transmittal Form (deposit authorization)			2. <input type="checkbox"/> Applicant claims small entity status. 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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** **840.00****Complete if Known**

Application Number	NEW APPLICATION
Filing Date	September 17, 2003
First Named Inventor	Susan Gregory
Examiner Name	Not yet known
Art Unit	Not yet known
Attorney Docket No.	23546-08149

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None
 Deposit Account:

Deposit Account Number **19-2555**Deposit Account Name **Fenwick & West LLP**

The Commissioner is authorized to: (check all that apply)
 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity | Small Entity

Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)				
1001 750	2001 375	Utility filing fee	750		
1002 330	2002 165	Design filing fee			
1003 520	2003 260	Plant filing fee			
1004 750	2004 375	Reissue filing fee			
1005 160	2005 80	Provisional filing fee			
SUBTOTAL (1)			(\$)	750	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims	Fee from below	Fee Paid
25 -20** = 5	x 18	= 90
2 -3*** = 0	x	=
		=

Large Entity | Small Entity

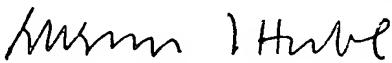
Fee	Fee	Fee	Fee	Fee Description
Code (\$)	Code (\$)			
1202 18	2202 9	Claims in excess of 20		
1201 84	2201 42	Independent claims in excess of 3		
1203 280	2203 140	Multiple dependent claim, if not paid		
1204 84	2204 42	**Reissue independent claims over original patent		
1205 18	2205 9	**Reissue claims in excess of 20 and over original patent		
SUBTOTAL (2)			(\$)	90.00

*or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description	Fee Paid	
Fee Code (\$)	Fee Code (\$)			
1051 130	2051 65	Surcharge - late filing fee or oath		
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet		
1053 130	1053 130	Non-English specification		
1812 2,520	1812 2,520	For filing a request for ex parte reexamination		
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action		
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action		
1251 110	2251 55	Extension for reply within first month		
1252 410	2252 205	Extension for reply within second month		
1253 930	2253 465	Extension for reply within third month		
1254 1,450	2254 725	Extension for reply within fourth month		
1255 1,970	2255 985	Extension for reply within fifth month		
1401 320	2401 160	Notice of Appeal		
1402 320	2402 160	Filing a brief in support of an appeal		
1403 280	2403 140	Request for oral hearing		
1451 1,510	1451 1,510	Petition to institute a public use proceeding		
1452 110	2452 55	Petition to revive - unavoidable		
1453 1,300	2453 650	Petition to revive - unintentional		
1501 1,300	2501 650	Utility issue fee (or reissue)		
1502 470	2502 235	Design issue fee		
1503 630	2503 315	Plant issue fee		
1460 130	1460 130	Petitions to the Commissioner		
1807 50	1807 50	Processing fee under 37 CFR 1.17(g)		
1806 180	1806 180	Submission of Information Disclosure Stmt		
8021 40	8021 40	Recording each patent assignment per property (times number of properties)		
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))		
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))		
1801 750	2801 375	Request for Continued Examination (RCE)		
1802 900	1802 900	Request for expedited examination of a design application		
Other fee (specify) _____				
SUBTOTAL (2)			(\$)	0.00

*Reduced by Basic Filing Fee Paid

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Susan T. Hubl, Ph.D. Patent Agent	Registration No. (Attorney/Agent)	47,668	Telephone (415) 875-2316
Signature			Date	9/17/03

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